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	276	Patent Abstracts of Jap	pan, JP 2001-(	046088, Februar	ry 20, 2001					
144	THE	S. VERSECK, et al., A	nol Microbiol I	Biotechnol, Vol.	55. No. 3, XP-002	2202059	9. pps. 35	 ;4-361, "S(	CREEN	ING,
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	A TRI	ADEMARY		ncluding Author, Title, Date, Pertinent Pages, etc.)					
	M	1	Vikram M. Paradkar et al., <u>Aqueous-I</u> Am. Chem. Soc., (1994), Volume 116	<u>.ike Activity of α-Chymotrypsin Dissolved in Nearly</u> 5, 5009-5010.	Anhydrous Organic Solvents, J.				
	S. Tokuyama et al., <u>Purification and Properties of Thermostable N-Acylamino Acid Racemase from Amycolatopsis</u> 1-60, Appl. Microbiol Biotechnol, (1995), Vol. 42, pages 853-859.								
	Al	AAC	Oliver May et al., <u>Inverting Enantiosel</u> <u>Methionine</u> , <i>Nature Biotechnology</i> , Vo	ectivity by Directed Evolution of Hydantoinase for I ol. 18, March 2000, pages 317-320.					
Noriho Kamiya et al., <u>Surfactant-Horseradish Peroxidase Complex Catalytically Active in Anhydrous Benzene</u> Biotechnology Techniques, Vol. 11, No. 6, June 1997, pages 375-378.					Anhydrous Benzene,				
		AAE	Toshiaki Mori et al., <u>A Variety of Lipid-</u> <u>Homogeneous Organic Solvents</u> , <i>Tetr</i>	Coated Glycoside Hydrolases as Effective Glycos ahedron Letters, Vol. 38, No. 11, pages 1971-1974	yl Transfer Catalysts in I, 1997.				
	AAF  Beyer-Walter, Lehrbuch der organischen Chemie, S. Hirzel Verlag Stuttgart, 22nd edition, 1991, p.822f.								
		herichia Coli with Separately and 16, pages 564-570.							
	AAH  Burkhard Wilms et al., Cloning, Nucleotide Sequence and Expression of a New L-N-Carbamoylase Gene from Arthroba Aurescens DSM 3747 in E. Coli, Journal of Biotechnology, Volume 68, (1999), pages 101-113.  Yun-Peng Chao, et al., Production of D-p-Hydroxyphenylglycine by N-Carbamoyl-D-Amino Acid Amidohydrolase- Overproducing Escherichia Coli Strains, Biotechnol. Prog. (1999), Volume 15, pages 603-607.  AAJ  Nadine Batisse, et al., Two Amino Acid Amidohydrolase Genes Encoding L-Stereospecific Carbamoylase and Aminoacylase Are Organized in a Common Operon in Bacillus Stearothermophilus, Applied And Environmental Microbiology, February 1997, Vol. 63, No. 2, pages 763-766.								
		AAK	Markus Pietzsch et al. Purification of F	Recombinant Hydantoinase and L-N-Carbamoylase rison of Wild-Type and Genetically Modified Protein	e from Arthrobacter Aurescens ns. Journal of Chromatography B,				
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		OTHER REFE	RENCES (Ir	cluding Author, Title, Date, Pertinent	Pages etc	1	
OP	Alberto Buson et al., <u>Identification</u> , <u>Sequencing and Mutagenesis of the Gene for a D-Carbamoylase from Agrobacterium Radiobacter</u> , FEMS Microbiology Letters, Vol. 145 (1996) pages 55-62.						
M	AX	Marina Otamiri et al., <u>Con</u> in Active Form in Toluene	nplex Format , Biocatalysis	ion Between Chymotrypsin and Ethyl Ce s, 1992, Vol. 6, pages 291-305.	ellulose as a	Means to	Solubilize the Enzyme
CA	AY	Von Bhavender P. Sharma et al., <u>Immobilisierte Biomaterialien - Techniken Und Anwendungen</u> , <i>Angew. Chem.</i> 94, (1982) pages 836-852.					
(m)	AZ	Shinji Tokuyama et al., <u>Purification and Properties of a Novel Enzyme</u> , N-Acylamino Acid Racemase, from Streptomyces <u>Atratus Y-53</u> , <i>Appl. Microbiol. Biotechnol.</i> (1994) 40: 835-840.					
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